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/*
Experiment No. : 05

Statement      : Make a street light controller.

Date of Exp.   :   xx/xx/xxxx

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*/

int red = 9;           // Pin number for the red LED
int yellow = 8;        // Pin number for the yellow LED
int green = 7;         // Pin number for the green LED

void setup() {
    pinMode(red, OUTPUT);    // Configure red LED pin as output
    pinMode(yellow, OUTPUT); // Configure yellow LED pin as
output
    pinMode(green, OUTPUT);  // Configure green LED pin as output
}

void loop() {
    digitalWrite(green, HIGH); // Turn on green LED

    delay(20000);               // Wait for 20 seconds (green
light duration)

    digitalWrite(green, LOW);   // Turn off green LED

    digitalWrite(yellow, HIGH); // Turn on yellow LED

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    delay(10000);                // Wait for 10 seconds (yellow
light duration)

    digitalWrite(yellow, LOW);  // Turn off yellow LED


    digitalWrite(red, HIGH);    // Turn on red LED

    delay(15000);                // Wait for 15 seconds (red light
duration)

    digitalWrite(red, LOW);      // Turn off red LED
}
```

